

# *USDA update on Advancing Biomass Projects*

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***USDA Rural Development***

**Biomass TAC Meeting**  
*August 14<sup>th</sup>, 2013*



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# USDA Biomass Updates

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- Biorefinery Assistance Program
- BioPreferred Program
- Solicitation Update
- Farm Bill Title IX Update
- Climate Change Adaptation/Mitigation

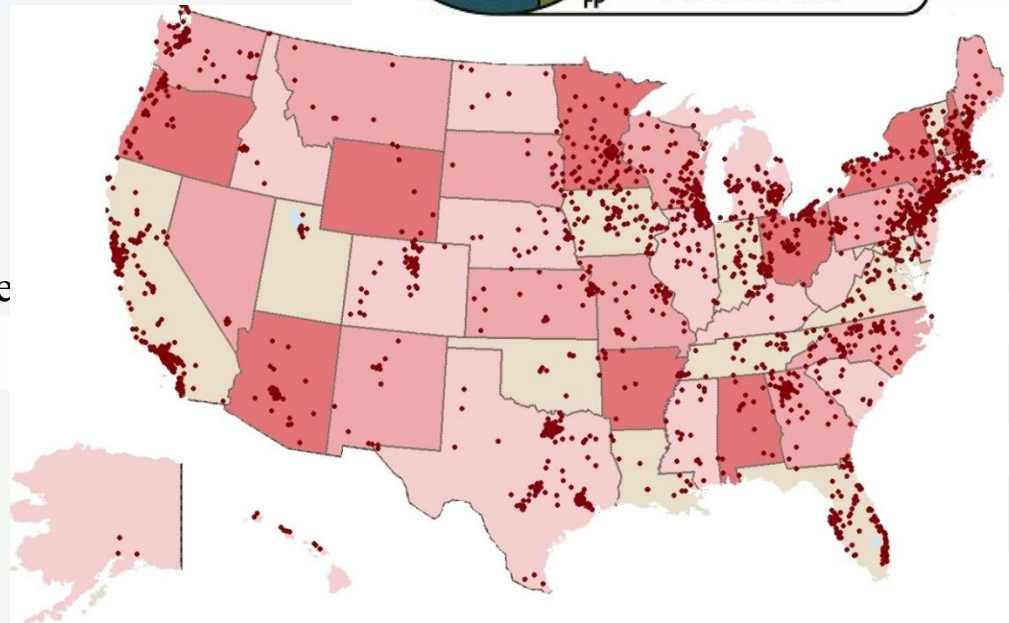
# Biorefinery Assistance Program

- Sapphire Energy, algae-to-crude oil project in New Mexico, has paid off \$54.5M loan guarantee, continuous operation since May 2012
- Freemont (MI) Community Digester, fully operational
- INEOS Bio in Vero Beach, Florida producing cellulosic ethanol at commercial scale, first ethanol shipments will be released in August



# BioPreferred- Biobased Product Marketing

- Designated 8 new biobased product categories for preferred Federal procurement including: aircraft and boat cleaners; automotive care products, engine crankcase oil; gasoline fuel additives; metal cleaners and corrosion removers; microbial cleaning products; paint removers; and water turbine bearing oils
- Now 97 designated categories representing approx. 10,000 unique product types
- Biopreferred Program also has reopened the web portal for companies to apply for the voluntary USDA Certified Biobased Product label
- 900 individual products have received the USDA Certified Biobased Product label



# Farm Bill Title IX

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## Current Solicitations

- Section 9002 open
- Section 9003 expect to open the program in near future
- Section 9004 Unfunded for 2013
- Section 9005 Contract application period closed
- Section 9007 Solicitation closed, state awards expected in near future
- Section 9008 Unfunded for 2013
- Section 9011 Unfunded for 2013

# Farm Bill Title IX

Provision	Senate Changes	House Changes
<b>Biobased Markets Program (Sec. 9002)</b>	Extends through FY2018 with \$3 million/year mandatory and \$2 million/year discretionary	Extends through 2018, “such funds to carry out this section”
<b>Biorefinery Assistance Program (Sec. 9003)</b>	Authorized through 2018 with \$150 mil/year Discretionary. Mandatory money: \$100 million in FY13, \$58 million in FY14 and 15. For FY13-15, not more than \$25 million toward biobased product	Reauthorized through 2018 with \$75 million/year discretionary funding
<b>Repowering Assistance Program Sec. 9004</b>	Program not reauthorized , section eliminated	Reauthorized through 2018 with \$10 million/year discretionary Funding



Provision	Senate Changes	House Changes
<b>Bioenergy Program for Advanced Biofuels (Sec. 9004 in Senate bill and Sec. 9005 in House )</b>	Reauthorized through 2018 at \$20 million/year discretionary	Reauthorized through 2018 with \$50 million/year discretionary funding
<b>Biodiesel Fuel Education Program (Sec. 9005 in Senate bill and Sec. 9006 in House bill)</b>	Reauthorized through 2018 at \$1 million/year discretionary and with \$1 million/year mandatory funding	Reauthorized through 2018 with \$2 million/year discretionary funding.
<b>Rural Energy for America Program (REAP (Section. 9006 in Senate Bill and Sec. 9007 in House bill)</b>	Reauthorized through 2018 at \$20 million/year discretionary and \$68.2 million/year mandatory funding	Reauthorized through 2018 with \$45 million/year discretionary funding

Provision	Senate Changes	House Changes
<b>Biomass Research and Development Initiative (Sec. 9007 in Senate bill and Sec. 9008 in House )</b>	Reauthorized through 2018 with \$30 million/year discretionary and \$26 million/year mandatory funding	Reauthorized through 2018 with \$20 million/year discretionary funding
<b>Feedstock Flexibility Program (Sec. 9008 Senate, 9009 House )</b>	Reauthorized through 2018	Reauthorized through 2018
<b>Biomass Crop Assistance Program (BCAP) (Sec. 9009 in Senate bill and Sec. 9010 in House )</b>	Reauthorized through 2018 with \$20 million/year discretionary and \$38.6 million/year mandatory funding	Reauthorized through 2018 with \$75 million/year discretionary funding
<b>Community Wood Energy Program (Sec. 9011)</b>	Reauthorized through 2018 at \$5 million/year discretionary funding	Reauthorized through 2018 with \$2 million/year discretionary funding



## Other Research Programs and Resources

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- Agriculture and Food Research Initiative - Sustainable Bioenergy:  
<http://nifa.usda.gov/fo/afrisustainablebioenergy.cfm>
- Small Business Innovation Research Program (SBIR):  
<http://www.nifa.usda.gov/fo/sbir.cfm>
- The 2008 Farm Bill: Making an Impact Through NIFA:  
[http://www.nifa.usda.gov/nea/ag\\_systems/pdfs/farm\\_bill\\_2013.pdf](http://www.nifa.usda.gov/nea/ag_systems/pdfs/farm_bill_2013.pdf)

# President Obama's Plan to Fight Climate Change

- New threats have been observed in recent years—increased risk of severe wildfire, more intense storms, worse problems from invasive pests
- USDA announced creation of 7 new “regional climate hubs” to provide farmers/ranchers with regionally-appropriate information to adapt to climate change
- [www.usda.gov/climatesolutions](http://www.usda.gov/climatesolutions)
- [www.whitehouse.gov/share/climate-action-plan](http://www.whitehouse.gov/share/climate-action-plan)

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***Thank you!***

***For more information on USDA Energy Programs, visit: [www.usda.gov/energy](http://www.usda.gov/energy)***



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